

Title (en)

Process and apparatus for a wavelength tuned light source

Title (de)

Verfahren und Vorrichtung für eine Lichtquelle mit Abstimmung der Wellenlänge

Title (fr)

Procédé et appareil pour une source de lumière à réglage de longueur d'onde

Publication

**EP 2008579 A3 20090325 (EN)**

Application

**EP 08015447 A 20040604**

Priority

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- US 47660003 P 20030606
- US 51476903 P 20031027

Abstract (en)

[origin: WO2005001401A2] An apparatus and source arrangement for filtering an electromagnetic radiation can be provided which may include at least one spectral separating arrangement configured to physically separate one or more components of the electromagnetic radiation based on a frequency of the electromagnetic radiation. The apparatus and source arrangement may also have at least one continuously rotating optical arrangement which is configured to receive at least one signal that is associated with the one or more components. Further, the apparatus and source arrangement can include at least one beam selecting arrangement configured to receive the signal.

IPC 8 full level

**G01J 3/18** (2006.01); **A61B 5/00** (2006.01); **G01J 3/12** (2006.01); **G01N 21/47** (2006.01); **G02B 27/48** (2006.01); **H01S 3/10** (2006.01); **G01J 9/02** (2006.01)

CPC (source: EP KR US)

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Citation (search report)

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- [X] SILVA K K M B D ET AL: "Extended range, rapid scanning optical delay line for biomedical interferometric imaging", ELECTRONICS LETTERS, IEE STEVENAGE, GB, vol. 35, no. 17, 19 August 1999 (1999-08-19), pages 1404 - 1406, XP006012570, ISSN: 0013-5194

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DOCDB simple family (application)

**US 2004018045 W 20040604;** AT 04754611 T 20040604; AU 2004252482 A 20040604; CA 2527930 A 20040604; DE 602004016998 T 20040604; EP 04754611 A 20040604; EP 08015444 A 20040604; EP 08015445 A 20040604; EP 08015446 A 20040604; EP 08015447 A 20040604; EP 10183326 A 20040604; EP 10183412 A 20040604; EP 10183438 A 20040604; EP 10183497 A 20040604; EP 10183542 A 20040604; EP 10184737 A 20040604; EP 10184750 A 20040604; EP 10184758 A 20040604; EP 15191701 A 20040604; ES 04754611 T 20040604; JP 2006515266 A 20040604; JP 2011171749 A 20110805; JP 2016181628 A 20160916; JP 2018108256 A 20180606; KR 20057023416 A 20040604; KR 20117017622 A 20040604; KR 20117017623 A 20040604; KR 20127023854 A 20040604; KR 20137032412 A 20040604; TW 93116349 A 20040607; US 201113160335 A 20110614; US 201615151789 A 20160511; US 36955609 A 20090211; US 62791809 A 20091130; US 86117904 A 20040604; US 86795308 A 20080411